



UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
POSTAL SERVICE CENTER BOX 8003
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AirStaO 11300.6F
LCC
19 Feb 04

AIR STATION ORDER 11300.6F

From: Commanding General, Marine Corps Air Station, Cherry Point
To: Distribution List

Subj: EMERGENCY POWER GENERATORS

Ref: (a) AirStaO P3140.2L

Encl: (1) Location and Responsibilities for all Categories of
Generators
(2) Location/Uses of Principal Power Source Generators
(3) Station Generators
(4) Portable Generators

1. Situation. This Order is to publish information pertaining to generator responsibilities and locations.

2. Cancellation. AirStaO 11300.6E.

3. Mission. To identify the principal categories of emergency power generators, specify locations, establish standing operating procedures, and define areas of responsibility for emergency power generators as per reference (a).

4. Execution

a. Commander's Intent and Concept of Operations

(1) Commander's Intent. To provide electrical back-up power during outages (scheduled or unscheduled) through the use of portable and permanently mounted diesel generators and set up portable generators at required locations prior to any inclement weather.

(2) Concept of Operations

(a) Electrical power generators may be used to provide principal power in remote areas and provide backup power during electrical outages or other emergency conditions. To more readily identify various areas of responsibility, these generators are divided into five categories as described below. Enclosure (1) summarizes responsibilities for all categories.

AirStaO 11300.6F
19 Feb 04

1 Category "A" - Principal Power Source. Generators in this category are those, which are the only source of electrical power. They do not run continuously but are used only as operational requirements dictate. Currently, the Explosive Ordnance Range has this category of generator. Enclosure (2) gives location, size normally deployed, and use.

2 Category "B" - Permanently Installed (Connected). These units are utilized for emergency backup power during any electrical outage affecting the supported function. All are permanently connected at locations where lack of electrical power could adversely affect the ability of the Air Station to fulfill its mission. Enclosure (3) gives locations and additional information including sizes, and preventive maintenance (PM) schedules.

3 Category "C" - Movable Generators. There are numerous generators of various sizes at locations throughout the Air Station where immediate backup power is not essential. Although not permanently connected, in an extreme emergency, such as long-term destructive weather conditions, these units could be hooked up either at the current locations or moved elsewhere. The Production Management Division, Facilities Maintenance Department (FMD), performs preventive maintenance on these units. Since these units are not sized for specific locations, they may provide only a minimum portion of actual requirements. Enclosure (4) gives locations and additional information including sizes.

4 Category "D" - Generators Belonging to the 2d Marine Aircraft Wing (2dMAW). These generators are tactical assets assigned to the Wing for support of operational requirements. These assets are available to provide emergency power during periods of destructive weather as indicated in the reference.

5 Category "E" - Units Belonging to the Naval Air Depot Cherry Point (NADEP). These generators are maintained under the cognizance of the Commanding Officer and are utilized by the facility for standby power during power outages.

(b) Responsibilities. Responsibilities are identified in the following basic area: training, preventive maintenance (PM), initial start-up, and continued operation.

1 Facilities Maintenance Department (FMD)

a Training. FMD personnel will assist activities in training those personnel who may be required to start or operate any generators that are tested or maintained by FMD. This assistance will be provided upon request from the starting or operating activity at times coinciding with the PM schedules listed in enclosure (3).

b Preventive Maintenance (PM). Preventive maintenance on all generators, except those in enclosure (1) belonging to 2d MAW (Category D) and NADEP (Category E), is the responsibility of FMD personnel. In some cases, generator testing adversely affects the user; scheduled times for testing are included in enclosure (3) as a planning tool. In those areas where historically generator PM has not affected the activity, schedules are more general.

c Initial Start-up. FMD personnel are responsible for the initial start-up during a power outage or other emergency of all generators in Category "C". Additionally, in the Switch column of enclosure (3), those Category "B" generators which FMD is required to start are indicated as "MAN".

d Continued Operation. With the exception of Category "D" and Category "E", FMD is responsible for assuring the continued operation of generators during any and all emergency situations.

2 Activity (Where Generators are Located)

a Training. All activities required to start or operate generators, as listed in enclosures (1) and (3), are responsible for assuring that trained and qualified personnel are available. Further, those activities responsible for starting permanently connected generators are responsible for coordinating training with FMD so that it is accomplished during scheduled PM periods listed in enclosure (3).

b Preventive Maintenance (PM). With the exception of 2d MAW and NADEP owned generators, activities are not responsible for PM of other generator categories listed in this Order. However, when the activity requires any change in the PM schedule, the

AirStaO 11300.6F
19 Feb 04

Production Management Division Head, FMD (466-2396) must be contacted at least five working days in advance. Generator PM is a priority program, which will not be deferred due to the desires of the activity unless the required advance notice has been given.

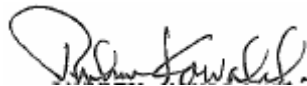
c Initial Start-up. The using activity is responsible for initial start up of all Category "A" generators as indicated in enclosure (2).

d Continued Operation. Activities are not responsible for assuring continuous operation of generators except for those in Category "D" and Category "E". In the event that generators identified in enclosure (3) as automatic start generators, fail to start or switch, personnel at the cognizant location should notify FMD, Work Management Division, (Emergency Desk, 466-4363), which will be responsible for dispatching the required maintenance crews.

5. Administration and Logistics. The CG, 2D MAW and CO, NADEP concur with this Order insofar as it pertains to members of their command.

6. Command and Signal

- a. Signal. This Order is effective the date signed.
- b. Command. This Order is applicable to Marine Corps Reserve.



ANDREW KOWALSKI
Chief of Staff

Distribution: A

LOCATION AND RESPONSIBILITIES FOR ALL CATEGORIES OF GENERATORS

ACTIVITY	LOCATIONS	<i>OPERATOR</i> <u>TRAINING</u>	<i>TEST AND</i> <u>MAINTAIN</u>	<i>INITIAL</i> <u>START-UP</u>	<u>CONTINUED OPERATION</u>
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CATEGORY "A" PRINCIPAL POWER SOURCE (Note 1)

Explosive Ordnance Range	Grid Zone 23 on Sta Map	Activity	FMD	Activity Personnel	Activity Personnel
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CATEGORY "B" PERMANENTLY INSTALLED (Connected) (Note 1)

Varies	Activity	FMD	Varies	FMD
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CATEGORY "C" MOVABLE (Note 2)

FMD	Varies	FMD	FMD	FMD	FMD
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CATEGORY "D"

2D MAW	Varies	2d MAW	2d MAW	2d MAW	2d MAW
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AirStaO 11300.6F
19 Feb 04

LOCATION AND RESPONSIBILITIES FOR ALL CATEGORIES OF GENERATORS

ACTIVITY	LOCATIONS	<u>OPERATOR</u> <u>TRAINING</u>	<u>TEST AND</u> <u>MAINTAIN</u>	<u>INITIAL</u> <u>START-UP</u>	<u>CONTINUED</u> <u>OPERATION</u>
	<u>CATEGORY "E" PERMANENTLY INSTALLED (Connected)</u>				
NADEP	Bldg 137 Sprinkler System	FMD	NADEP	NADEP	NADEP
	Bldg 137 Mezzanine G Computer Room	FMD	NADEP	NADEP	NADEP
	Bldg 137 Telephone Office	FMD	NADEP	NADEP	NADEP
	Bldg 4032 Ground Support	FMD	NADEP	NADEP	NADEP

Note:

- (1) Additional information is contained in enclosure (2).
- (2) Initial connection of deployed generators will be accomplished by FMD.

ENCLOSURE (1)

AirStaO 11300.6F
19 Feb 04

LOCATION/USES OF PRINCIPAL POWER SOURCE GENERATORS

<u>LOCATION</u>	<u>SIZE</u>	<u>USE</u>
Explosive Ordnance Range Grid Zone 23	30 KW	Prime Power Source

ENCLOSURE (2)

STATION GENERATORS

<u>GENERATOR LOCATION BUILDING#</u>	<u>SIZE</u>	<u>SWITCH</u>	<u>MANUFACTURER</u>	<u>PM SCHEDULE*</u>
87	350KW	AUTO	CATERPILLAR	BW
103	30KW	MAN	EMPIRE	M
121	15KW	AUTO	ONAN	M
125	80KW	AUTO	OLYMPIAN	W
152	850KW	AUTO	SPECTRUM	W
180	30KW	AUTO	ONAN	BW
192	60KW	MAN	MAGNUM	M
193	60KW	AUTO	CATERPILLAR	M
198	200KW	MAN	FERMONT	W
199	275KW	AUTO	CUMMINS	W
247	30KW	MAN	KR	M
251	30KW	AUTO	EMPIRE	M
294	15KW	AUTO	ONAN	M
299	150KW	AUTO	MITSUBISHI	W
491	60KW	AUTO	OLYMPIAN	M
897	15KW	AUTO	ONAN	BW
1005	125KW	AUTO	ATLANTIC	M
1083	30KW	AUTO	ONAN	BW
1088	30KW	AUTO	ONAN	BW
1402	30KW	AUTO	ONAN	W
1408	30KW	AUTO	ONAN	M
1640A	400KW	AUTO	CATERPILLAR	W
1640B	400KW	AUTO	CATERPILLAR	W
1660	40KW	MAN	MAGNUM	W
1696	75KW	AUTO	KAMAG	W
1748	30KW	AUTO	ONAN	M
1776	75KW	AUTO	KAMAG	W
1788	170KW	AUTO	CATERPILLAR	W
1791	60KW	AUTO	MAGNUM	M
2000	60KW	MAN	MAGNUM	M

AirSta0 11300.6F
19 Feb 04

STATION GENERATORS

<u>GENERATOR</u>	<u>SIZE</u>	<u>SWITCH</u>	<u>MANUFACTURER</u>	<u>PM</u> <u>SCHEDULE*</u>
<u>LOCATION</u> <u>BUILDING #</u>				
2340	60KW	AUTO	ONAN	W
2455	15KW	AUTO	ONAN	W
3142	60KW	AUTO	ONAN	W
3143	60KW	AUTO	GENERAC	BW
3144	30KW	AUTO	ONAN	BW
3393	15KW	AUTO	ONAN	BW
3451	500KW	AUTO	DMT	M
3523	30KW	MAN	EMPIRE	M
3524	30KW	MAN	EMPIRE	M
3570	30KW	AUTO		M
3761	30KW	AUTO	ONAN	M
3762	30KW	AUTO	ONAN	M
3763	15KW	AUTO	ONAN	M
3765	60KW	AUTO	ONAN	W
3876	175KW	AUTO	ONAN	M
3879	60KW	AUTO	ONAN	BW
3886	20KW	AUTO	ONAN	W
3891	30KW	AUTO	ONAN	M
3899	30KW	AUTO	ONAN	M
3907	125KW	AUTO	KAMAG	W
3909	7.5KW	AUTO	ONAN	Q
3918	60KW	AUTO	KOHLER	M
3924	30KW	MAN	LIBBY	M
3960	30KW	MAN	EMPIRE	M
3987	750KW	AUTO	DETROIT	M
4063	60KW	AUTO	ONAN	M
4151	100KW	AUTO	MAGNUM	W
4217	30KW	MAN	EMPIRE	M
4226	60KW	AUTO	CATERPILLAR	M
4259	700KW	AUTO	CATERPILLAR	W

ENCLOSURE (3)

STATION GENERATORS

GENERATOR	SIZE	SWITCH	MANUFACTURER	PM SCHEDULE*
<u>LOCATION</u> <u>BUILDING #</u>				
4293	5KW	AUTO	HONDA	M
4303	65KW	AUTO	USM	W
4346	50KW	MAN	KOHLER	M
4347	50KW	MAN	KOHLER	M
4357	910KW	AUTO	CATERPILLAR	BW
4364	30KW	MAN	EMPIRE	M
4376	200KW	AUTO	DETROIT/KOHLER	M
4377	900KW	AUTO	KOHLER	M
4377A	250KW	AUTO	KOHLER	M
4397	450KW	AUTO	KOHLER	W
4427	10KW	AUTO	OLYMPIAN	W
4428	40KW	AUTO	KOHLER	W
4429	80KW	AUTO	KOHLER	M
4530	60KW	MAN	ONAN	M
4584	60KW	MAN	OLYMPIAN	M
4589	20KW	AUTO	OLYMPIAN	M
4601	60KW	AUTO	OLYMPIAN	M
4602	15KW	AUTO	ONAN	M
7019	60KW	AUTO	OLYMPIAN	M
8029	15KW	AUTO	DAYTON	M
8105	30KW	AUTO	GENERAC	M
8106	30KW	AUTO	GENERAC	M
9068A	350KW	AUTO	CATERPILLAR	M
9068B	205KW	AUTO	CATERPILLAR	M

* PM Schedule Scale

BW - BiWeekly M - Monthly W - Weekly Q - Quarterly

PORTABLE GENERATORS

<u>GENERATOR</u>	<u>W/S/P *</u>	<u>SIZE</u>	<u>VOLTAGE</u>	<u>MANUFACTURER</u>
124A	W	100KW	208	CUMMINS
124B	W	145KW	208	CUMMINS
124C	W	200KW	208	MAGNUM
124D	W	145KW	120/208	CUMMINS
124E	W	275KW	480	EMPIRE
124F	W	60KW	208	CUMMINS
124G	W	60KW	208	CUMMINS
124H	W	60KW	208	CUMMINS
124I	W	145KW	208	CUMMINS
124J	W	60KW	208	CUMMINS
124L	W	100KW	208/480	ALLIS-CHALMERS
124M	W	30KW	208/480	HOLLINGSWORTH
124T	W	60KW	208	CUMMINS
124W	W	250KW	120/240	ONAN
124O	S	200KW	208/480	FERMONT
124R	S	30KW	208/480	HOLLINGSWORTH
124U	S	60KW	208/480	HOLLINGSWORTH
124V	S	30KW	208/480	HOLLINGSWORTH
124Q	P	30KW		ONAN
124Z	P	30KW		ONAN
SPARE	P	30KW	120/208	JETA POWER

* W = WHEELED S = SKID MOUNTED P = PORTABLE